

ABSTRACT OF THE DISCLOSURE

From an optical disc on which physical address information is recorded in the form of phase modulation of a groove wobble, a wobble signal is optically  
5 obtained which is affected by the groove wobble. The wobble signal is phase detected by a phase detector and then fed into a low-pass filter. In a jitter calculator the value of  $\sigma/T$  is calculated from the standard deviation  $\sigma$  of a jitter distribution obtained  
10 from the output of the low-pass filter and the period  $T$  of a symbol clock for the phase modulation to evaluate the recorded physical address information.